

Amendment to the Drawing

The attached replacement drawing sheet includes changes to FIG. 2 to add previously omitted reference numbers 801 (Compute Weights) and 802 (Apply Weights).

Please replace originally filed FIG. 2 with the enclosed replacement sheet.

Attachment: Replacement Sheet

Remarks

Claims 1 – 28 are pending in the Patent Application.

Claims 1 – 5, 8 – 10, 14, 16 – 19, 22, 23, 25, and 28 are rejected.

Claims 6, 7, 11 – 13, 15, 20, 21, 24, 26, and 27 are objected to.

Examiner states that Claims 6, 7, 11 – 13, 15, 20, 21, 24, 26, and 27 are objected to as dependent upon rejected claims, but would be allowable if rewritten in independent form.

Claim 6 has been rewritten to incorporate the features of Claim 6 into independent Claim 1, wherein the features of intervening Claims 2, 3, 4, and 5 have also been incorporated into independent Claim 1. Consequently, independent Claim 1 is in condition for allowance. Furthermore, Claims 7 and 8, each, respectively, reciting additional features to independent Claim 1, are also in condition for allowance.

Claim 11 has been rewritten in independent form by incorporating the features of Claim 11 into Claim 1, as recited by new independent Claim 29, wherein the features of intervening Claims 9 and 10 have also been incorporated into new independent Claim 29. Consequently, new independent Claim 29 is in condition for allowance. Moreover, new Claims 30 and 31, each, respectively, reciting additional features to new independent Claim 29, are also in condition for allowance.

Claim 15 has been rewritten in independent form by incorporating the features of Claim 15 into independent Claim 14. Thusly, independent Claim 14 is in condition for allowance.

Claim 20 has been rewritten in independent form by incorporating the features of Claim 20 into Claim 14, as recited by new independent Claim 32, wherein the features of intervening Claims 16, 17, 18, and 19 have also been incorporated into new independent

Claim 32. Also, new Claims 33 and 34, each, respectively, reciting additional features to new independent Claim 32, are also in condition for allowance.


Claim 24 has been rewritten in independent form by incorporating the features of Claim 24 into independent Claim 23. Therefore, independent Claim 23 is in condition for allowance.

Claim 26 has been rewritten in independent form by incorporating the features of Claim 26 into independent Claim 23, as recited in new independent Claim 35, wherein the features of intervening Claim 25 have also been incorporated into new independent Claim 35. Thus, new independent Claim 35 is in condition for allowance. Also, new Claims 36 and 37, each, respectively, reciting additional features to allowable new independent Claim 35, are in condition for allowance.

Applicants request that Claims 1, 7, 8, 14, 23, 29, 30, 31, 32, 33, 34, 35, 36, and 37 be allowed and that the case pass to issue.

Registration No. 30,021

Tel. No. 310.647.2577
Fax No. 310.647.2616



Leonard A. Alkov, Attorney for Applicants

Raytheon Company
P.O. Box 902 (E4/N119)
El Segundo, CA 90245-0902